

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	{3D or 3-D or three adj dimensional\$1 or scanner)and digital and micromirror adj device and modulate and structured and light adj signal and projected adj beam same object and generat\$4 adj shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:20
L2	0	{3D or 3-D or three adj dimensional\$1 or scanner)and digital and micromirror adj device and structured adj light and project\$3 adj beam and object and generat\$4 adj shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:22
L3	0	{3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and structured adj light and project\$3 adj beam and object and generat\$4 adj shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:23
L4	2117	{3D or 3-D or three adj dimensional\$1 or scanner\$1)and micromirror adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:23
L5	30982	{3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and (light or source or laser adj light)and project\$3 light adj beam and object and (generat\$4 adj shape or depth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:25
L6	2312	{3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and (light or source or laser adj light)and project\$3 light adj beam and object and (generat\$4 adj shape or depth)adj information	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:26

L7	490	(3D or 3-D or three adj dimensional\$1 or scanner)and encod\$3 and micromirror adj device and(light or source or laser adj light or structural adj light)and project\$3 light adj beam and object and(generat\$4 adj shape or depth)adj object and(reval or reconstruct\$3)and(contour or edge or filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:34
L8	308	L7 and(@ad<"20040115" or @rlad<"20040115" or @prad<"20040115" or @ptad<"20040115")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:34
L9	256	L7 and @ad<"20040115"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:34
L10	9	L9 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same light adj beam same object same(generat\$3 adj shape or depth or contour or edge or filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:40
L11	0	L10 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data)and decoder and(pixel\$ or pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:45
L12	0	L10 and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:47
L13	8	reflect\$3 and(light or source or laser adj light or structural adj light)and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:47
L14	7	L13 and @ad<"20040115"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:47

L16	0	L14 and(3D or 3-D or three adj dimensional\$1 or scanner)and encod\$3 and micromirror adj device and(light or source or laser adj light or structural adj light)and project\$3 and light adj beam and object and (generat\$4 adj shape or depth adj object or object)and(contour or edge or filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:50
L17	0	L14 and micromirror	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:59
L18	0	L13 and micromirror	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 10:59
L20	1	(3D or 3-D or three adj dimensional\$1 or scanner)and encod\$3 adj unit and micromirror adj device and(light or source or laser adj light or structural adj light)and project\$3 and light adj beam and object and (generat\$4 adj shape or depth)and(detect\$3 or determining)same (contour or edge\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:20
L21	1	encod\$3 adj unit and micromirror adj device and(light or source or laser adj light or structural adj light)and project\$3 and light adj beam and object and(generat\$4 adj shape or depth)and(detect\$3 or determining) same(contour or edge\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:21
L22	13	encod\$3 adj unit and micromirror adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:23
L23	0	L22 and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:24
L24	5	L22 and @ac<"20040115"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:24

L25	0	L24 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same object same (generat\$3 adj shape or depth or contour or edge\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:25
L26	1	L22 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same object same (generat\$3 adj shape or depth or contour or edge\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:26
L27	8275	(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:34
L28	82	L27 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same object same (generat\$3 adj shape or depth or contour or edge\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:35
L29	36	L28 and @ad<"20040115"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:35
L31	420	L27 and operat\$3 and(digital adj micromirror or micromirror adj device) and(light or source or laser adj light or structural adj light)same changing same beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:39
L32	1	L31 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)same detector and synchronized adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:40
L33	1	L31 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and synchronized adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:41

L34	1	L31 and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and synchronized adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:42
L35	0	L31 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:45
L36	26	(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device) and operat\$3 and modulat\$3 and change adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:52
L37	0	L36 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and synchronized adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:52
L38	0	L36 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and synchronized and beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:53
L39	0	L36 and detector and(configured or connected)and pass\$3 adj(single adj bit or binary adj data)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:53
L40	10	L36 and @ad<"20040115"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:53
L42	0	L40 and(light or source or laser adj light or structural adj light or laser) and detector and synchronized adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:58

L43	0	L40 and detector and/(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 11:59
L45	4	L40 and decod\$3 and reflect\$3 and(light or source or laser adj light or structural adj light)and (determining or detect\$3)and object and(generat \$3 adj shape or depth or contour or edge\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:06
L46	0	L45 and detector and/(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:06
L47	0	L40 and detector and/(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:06
L48	0	L40 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and detector and synchronized and beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:12
L49	0	L45 and detector and/(configured or connected)and pass\$3 adj(single adj bit or binary adj data or gary or grey)and decoder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:13
L50	396146	(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light or beam)same object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:16
L51	1	L50 and modulat\$3 and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:19

L52	1	L50 and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:20
L53	1	L50 and calculat\$3 and mid adj level and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 12:24
L54	7368	250/559.36,236,208.1,205,201.6,237G,559.38,201.4.CCLS.	USPAT	OR	ON	2010/02/19 12:30
L55	103	348/70.CCLS.	USPAT	OR	ON	2010/02/19 12:31
L56	1349	356/608,4.01,243.1,3.03,4.07.CCLS.	USPAT	OR	ON	2010/02/19 12:32
L57	2856	235/454,472.01.CCLS.	USPAT	OR	ON	2010/02/19 12:33
L58	491	396/106.CCLS.	USPAT	OR	ON	2010/02/19 12:34
L59	143	359/17.,CCLS.	USPAT	OR	ON	2010/02/19 12:35
L60	2492	358/484,474.CCLS.	USPAT	OR	ON	2010/02/19 12:35
L61	856	600/476.CCLS.	USPAT	OR	ON	2010/02/19 12:36
L62	2833	L54 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)	USPAT	OR	ON	2010/02/19 12:41
L63	102	L62 and(detect\$3 or determining)and reflect\$3 and(light or source or laser adj light or structural adj light)and project\$3 same object same (generat\$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 12:42
L64	1	L63 and(directing or project\$3 or reflect\$3)and(light or source or laser adj light or structural adj light)and(digital adj micromirror or micromirror adj device or mirrors or optics)and operat\$3 and modulat\$3 and change adj beam	USPAT	OR	ON	2010/02/19 12:43
L65	0	L64 and @ad< "20040115"	USPAT	OR	ON	2010/02/19 12:45

L66	0	L64 and decod\$3 and reflect\$3 and (light or source or laser adj light or structural adj light) and (determining or detect\$3) and object and (generat \$3 adj shape or depth or contour or edge\$1)	USPAT	OR	ON	2010/02/19 12:46
L67	1	L64 and (directing or project\$3 or reflect\$3) and (light or source or laser adj light or structural adj light or beam) same object	USPAT	OR	ON	2010/02/19 12:47
L68	0	L67 and modulat\$3 and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 12:48
L69	0	L67 and calculat\$3 and mid adj level and light adj frame and dark adj frame and light adj beam and reach\$3 adj object	USPAT	OR	ON	2010/02/19 12:49
S1	5000855	(3D or 3-D or three adj dimensional\$1 or scanner) and digital and micromirror adj device and modulate and structured and light adj signal and projected adj beam and generate and shape of an object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:44
S2	0	(3D or 3-D or three adj dimensional\$1 or scanner) and digital and micromirror adj device and modulate and structured and light adj signal and projected adj beam and generate and shape adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:45
S3	0	(3D or 3-D or three adj dimensional\$1 or scanner) and digital and micromirror adj device and modulate and structured and light adj signal and projected adj beam and generate and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:45
S4	0	(3D or 3-D or three adj dimensional\$1 or scanner) and micromirror adj device and modulate and structured and light and projected adj beam and generate and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:46
S5	1	(3D or 3-D or three adj dimensional\$1 or scanner) and micromirror adj device and structured adj light and projected adj beam and generate and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:47
S6	76884	"382"/\$.cls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:57



S7	98576	"356"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:57
S8	0	\$6 and(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and structured adj light and projected adj beam and generate and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:58
S9	1	\$7 and(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and structured adj light and projected adj beam and generate and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:58
S10	131735	"359"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 13:59
S11	0	\$10 and(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and structured adj light and projected adj beam and generate and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 14:00
S12	23	((RON) near2 (KIMMEL)).INV.	US-PGPUB; USPAT	OR	ON	2009/07/19 14:17
S13	0	\$12 and(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and structured adj light and projected adj beam and generate and shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 14:18
S14	1	\$12 and(3D or 3-D or three adj dimensional\$1 or scanner)and micromirror adj device and structured adj light and projected adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 14:18

S15	0	\$9 and(@ad<"20040115" or @rlad<"20040115" or @prad<"20040115" or @ptad<"20040115")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/19 14:34
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2/19/10 12:49:39 PM

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